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PREFACE

1. (C) This glossary of approved, standard nomenclature terms for ground forces equipment will be published in seven sections. The section format with individual pages has been used to facilitate updating of the glossary in the future. The glossary has been prepared for use in a standard loose leaf binder. Standard terms are in the left-hand column; the length of the terms was determined by a space limitation of 24 characters in the Object (OB) sector of the Installation Data File (IDF). It is recommended that the ground forces weapons (GFW) trinome of the Worldwide Initial Photo Interpretation Report (WWIPR) be used when reporting equipment observed either at a ground forces installation or in a ground forces unit. Terms that are set in **boldface** type are those used for general identification by category when it is either impossible or unnecessary to identify the specific piece of equipment. Interim designators are indicated by the use of an asterisk (*). Useful information about a piece of equipment (as well as any previously used term or title) is included in the right-hand column, in free-text format. Only those terms used by NPIC are included in the left-hand column.

2. (C) The seven sections of the glossary are as follows: Warsaw Pact (WP); The People's Republic of China (PRC); North Korea (KN); the United States (US); Great Britain (UK); France (FR); and Other (OTH). Pagination includes the abbreviated section name. Information pertaining to the use of each section will be provided in the introduction to the specific section.

3. (U) The glossary will be reviewed on a semiannual basis, and future supplemental sections and revisions will be published as new identifications are made and existing information is updated.

4. (U) The first section of this glossary is published under R-01/80.

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NPIC STANDARD NOMENCLATURE FOR GROUND FORCES EQUIPMENT (U)

TO THE USER

(U) Because this nomenclature glossary will be published in separate sections over a period of time, users should cite data from it by the R number (s) and date (s) of the specific section (s) and/or pages (s) referred to.

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**WARSAW PACT ORDER OF BATTLE
GROUND FORCES EQUIPMENT
(GROUND FORCES WEAPONS-GFW)
FEBRUARY 1980**

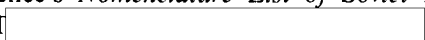
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**WARSAW PACT ORDER OF BATTLE
GROUND FORCES EQUIPMENT
(GROUND FORCES WEAPONS—GFW)
FEBRUARY 1980**

INTRODUCTION

1. (S) The first section of the glossary is divided into 14 subsections. This section is based on the original NPIC report, R-26/73, *Ground Forces Weapons—GFW*, published in 1973 (SECRET), and on the 30th Annual Land Warfare Technical Conference's *Nomenclature List of Soviet Block and Chinese Ground Equipment*, dated 30 June 1978 (SECRET 

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2. (U) The glossary in its entirety is classified SECRET/WNINTEL.



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I. TACTICAL MISSILES AND ASSOCIATED EQUIPMENT

A. Surface-to-Surface Missiles

SCALEBOARD

SCALEBOARD Missile SS-12/-22

SCALEBOARD TEL Transporter-erector-launcher (TEL)

SCALEBOARD Resupply Veh

URAL-375 Lnc Spt Van

MAZ-535/-537 HD Crane

SCALEBOARD Rsply Cnstr

SCALEBOARD Storage Cnstr

SCALEBOARD Msl Dolly

SHADDOCK

SHADDOCK TEL SSC-1A For ground forces; rectangular cab

SHADDOCK TEL SSC-1B For coastal defense; square cab

SHADDOCK Msl Trnspr

SHADDOCK-Assoc Semitr

SHADDOCK Canister

SHADDOCK Booster Crate

SCUD SS-1

SCUD Missile

SCUD TEL MAZ-543

SCUD TEL JSU

SCUD Resupply Semitr

SCUD Oxidizer Truck

SCUD Fuel Truck

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SCUD Water Truck	
SCUD Trainer	
SCUD Warhead Container	
A-frame Crane	JSU system associated
FROG	Free rocket over ground
FROG Rocket	
FROG-7 TEL	Wheeled chassis (ZIL-135) TEL
FROG-7 Resupply Veh	
FROG-3/-5	PT-76 chassis
FROG Resupply Semitrailer	Associated with FROG-3/-5 only
FROG-6	Trainer on ZIL-151/-157
SS-21*	Replacement for FROG systems
SS-21 Missile*	
SS-21 TEL*	Three-axle wheeled chassis; similar to SA-8 TEL
SS-21 Resupply Veh*	
SS-21 Msl Canister*	
SS-23*	Replacement for SCUD; system formerly KY-A-01
SS-23 Missile*	
SS-23 TEL*	Four-axle wheeled chassis; similar to SS-21 chassis
SS-23 Resupply Veh*	
SS-23 Missile Trnspr*	Semitrailer
B. Surface-to-Air Missiles	
SA-4	GANEF
SA-4 Missile	
SA-4 TEL	

*Indicates interim designator.

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PAT HAND

SA-4 Transloader

SA-4 Canister Trnspr

SA-4 Maint/Checkout Veh

Maintenance and checkout vehicle

SA-4 Calib/Collim Veh

Calibration and collimation vehicle

SA-4 Sustainer Canister

SA-4 Booster Canister

SA-4 Sustainer Crate

SA-4 Booster Crate

SA-6

GAINFUL

SA-6 Missile

SA-6 TEL

STRAIGHT FLUSH

SA-6 Transloader

SA-6 Canister Trnspr

SA-6 Canister

SA-6 Crate

SA-8

GECKO

SA-8 Missile

SA-8 Missile Container

Containerized, round; six per
TEL and radar (TEL R)

SA-8 TELR

TEL R; includes Mod A and
Mod B; incorporates LAND ROLL

SA-8 Resupply Vehicle

Same chassis as the TEL R

SA-8 Collimation Veh

SA-8 Canister

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SA-8 Transloader	ZIL-131 truck with crane
SA-9	GASKIN
SA-9 TEL	BRDM-2 chassis
MT-LB SAM TEL*	SA-9-type missile on MT-LB chassis
SA-X-11*	
SA-X-11 Missile*	
SA-X-11 TELR*	TELR; three or four missiles; tracked chassis
SA-X-11 Canister*	
SA-X-11 Transloader*	
C. Missile-Associated Equipment	
Type I Warhead Van	URAL-375, ZIL-157
URAL-375 Support Van	SCALEBOARD associated
MAZ-535/-537 HD Crane	SCALEBOARD associated; heavy duty
URAL-375 Crane	
A-frame Crane	
MAZ-537	SCUD JSU associated
60-Ton Trailer	Associated with MAZ-537
UAZ-452 Computer Van	FROG associated (center dome)
Air Compressor Truck	
Missile Dolly	
Canister	Report by system type if possible
Crate	

*Indicates interim designator.

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II. TRACKED ARMORED FIGHTING VEHICLES (AFVs)

A. Heavy Tank

T-10

JS-3/-4

JS-2

Sloped frontal armor

JS-1

Stepped frontal armor

B. Medium Tank

If tank model cannot be determined,
use medium tank or possible models

T-80

Has not been identified

T-72

T-64

T-64/-72

When model cannot be determined

T-62

T-55

No ventilator dome visible

T-54

Ventilator dome forward of hatches

T-54/-55

T-34

C. Light Tank

PT-76

D. Tank Assault Gun

E. Assault Gun

JSU-152

Heavy assault gun with short tube

JSU-122

Assault gun with long tube; superstructure is set back from front of hull

SU-100

Assault gun; tube offset to right; commander's cupola protrudes from right of superstructure

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ASU-85	Tube slightly offset to left; airborne associated
SU-85	Assault gun
SU-76	Assault gun with tube mounted to the rear
ASU-57	Airborne assault gun

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III. ARMORED PERSONNEL CARRIERS	Including non-APC variants
A. Tracked APC	
BMP	
BMP M-1976	Reconnaissance version; large turret
BMP M-1976-2	TALL MIKE antenna
BMP M-1978 Command	HAWK EYE antenna
SMALL FRED	Counterbattery radar; formerly BMP M-1975
MT-LB	Formerly AT/APC M-1970; GT-T chassis used as an artillery prime mover
BIG FRED	Counterbattery radar; MT-LB chassis
BMD	Airborne associated
BTR-50P	Soft top PT-76 chassis
BTR-50PU	Command vehicle; two cupolas
OT-62A	Amphibious APC with overhead cupola; no cover; Czechoslovakia and Poland
OT-62B	Like OT-62A but with cupola mounting 6.62mm machine gun; Czechoslovakia and Poland
OT-62C	Like OT-62B but with 14.5mm AA turret; Poland
OT-810	Halftrack; Czechoslovakia
M-60	Similar to United States M-113; Yugoslavia
M-980	Similar to BMP with 20mm gun; Yugoslavia
B. Wheeled APC	
BTR-70*	Similar to BTR-60 but is longer with lower profile; also known as BTR-M-1978

*Indicates interim designator.

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BTR-60P	Open top
BTR-60PA	Similar to BTR-60P but with armored top without turret
BTR-60PA Command	Armored top vehicle with folded dipole antenna (R-102M); canvas-covered box in center of top; also known as BTR-60PU
BTR-60PB	Overhead cover and forward turret
BTR-60PB Command	
BTR-60PB Fac	Has turret; box at rear
BTR-60/-70	
BTR-152	6 x 6 APC
BTR-152U	Armored command vehicle
BTR-40	4 x 4 APC
OT-64A	Czechoslovakia and Poland
OT-64B	Machine gun in shielded mount; Czechoslovakia and Poland
OT-64C1	Has Soviet BTR-60PB turret; Czechoslovakia and Poland
OT-64C2	Same turret as OT-62C; Czechoslovakia and Poland
C. Armored Car	
BRDM-2 SAGGER	Six SAGGER antitank guided missiles (ATGMs)
BRDM-2 SPANDREL	AT-5 ATGM missile
BRDM-2 Command	No turret; centered box on roof
BRDM-2 RKH	Chemical defense
BRDM-2	Turreted armored reconnaissance vehicle
BRDM SNAPPER	Three SNAPPER ATGMs

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BRDM SWATTER	Four SWATTER ATGMs
BRDM SAGGER	Six SAGGER ATGMs
BRDM RKH	
BRDM	Amphibious armored reconnais- sance vehicle
FUG-65	Hungary
OT-65	Czechoslovakia and Poland
PSZH D-944	4 x 4 amphibious APC; with over- head cover and turret; formerly FUG-70; Hungary

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SECRET**IV. ARTILLERY****A. Self-Propelled Artillery**

203mm SP Gun M-1975*	Formerly Leningrad SP gun; large caliber SP gun
TATRA-813 SP Gun*	Gun mounted on wheeled TATRA-813; Czechoslovakia
152mm SP Howitzer M-1973	Formerly 152mm SP gun M-1973
122mm SP Howitzer M-1974	Formerly 122mm SP gun M-1974
SP Howitzer	Model cannot be determined
ACRV M-1974	Command vehicles in two versions— one with and one without turret
ACRV/M-1974 Mod*	Turretless probable command vehicle

B. Towed Artillery

	Field artillery
203mm How B-4/M-1931	B-4 tracked/M-1931 wheeled
180mm Gun Howitzer S-23	
152mm Gun Howitzer D-20	
152mm Howitzer D-1	
152mm Gun Howitzer ML-20	
Perm Gun Howitzer TL-9*	Dual-axle nondivisional artillery; replacing 130mm field gun M-46
130mm Field Gun M-46	
122mm Howitzer D-30	
122mm Field Gun D-74	
122mm Howitzer M-30	
122mm Corps Gun A-19	
Sverdlovsk AT Gun TL-6*	Similar in appearance to D-30; anti-tank gun

*Indicates interim designator.

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100mm AT Gun T-12

100mm AT Gun M-55

100mm AT Gun

100mm Field Gun M-53

Czechoslovakia

85mm APAT Gun

Airborne associated

85mm AT Gun

85mm Field Gun M-52

Czechoslovakia

76mm Field Gun ZIS-3

57mm AT Gun

AT Gun**FA Piece****Field Gun****Howitzer****C. Mortar**

240mm SP Mortar M-1977

152mm SP howitzer M-1973 chassis

240mm Mortar M-1977

240mm Mortar

160mm Mortar

120mm Mortar

82mm Mortar

May be mounted on GAZ-66

GAZ-66 Mortar*

Probable automatic mortar on GAZ-66

D. Rocket Launchers (RL)

BM-13

132mm ZIL-151

BM-14-16 ZIL-151/-157

140mm; regimental RL

BM-14-16 ZIL-131

*Indicates interim designator.

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BM-14-17 GAZ-63	140mm
BM-14-17 GAZ-66	
BM-24	240mm ZIL-151/-157
BM-24 AT-S	240mm AT-S
BM-21	122mm URAL-375
MRL M-1977	Formerly ZIL-135, Donguz A
MRL M-1977 Resupply Veh*	ZIL-135, Donguz B
MRL M-1975*	Multiple rocket launcher; GAZ-66
MRL ZIL-131*	Regimental RL
RM-70	122mm TATRA-813; Czechoslovakia
RM-51	130mm PRAGA V3S; ZIL-151/-157; formerly RM-130; Czechoslovakia
MRL M-1974	122mm BUCEGI; Romania
WP-8	140mm, towed; Poland
E. Antiaircraft, SP	
ZSU-57/-2	
M-53/-59 30mm SP AA Gun	Czechoslovakia
ZSU-23/-4	
F. Antiaircraft, Towed	
130mm AA Gun KS-30	
100mm AA Gun KS-19	
85mm AA Gun KS-12	
57mm AA Gun S-60	
37mm AA Gun	
30mm AA Gun M-53	Czechoslovakia

*Indicates interim designator.

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ZU-23	Twin-barrel 23mm single-axle
20mm AA Gun M-55	Swiss HS-804; Yugoslavia
ZPU-4	Four-barrel 14.5mm heavy machine gun
ZPU-2	Twin-barrel 14.5mm heavy machine gun
AA Gun	
PUAZO-6	Optical range finder
FIRE CAN	
FIRE WHEEL	
FLAP WHEEL	
WHIFF	

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V. AIRBORNE-ASSOCIATED EQUIPMENT

ASU-85

ASU-57

BMD

GAZ-66A/B

Soft-top folding cab

GAZ-66 A/B Commo Van*

Probable R-100 series

PP-127-3500 Pallet

3.5 x 2.5m

PP-128-5000 Pallet

3.7 x 2.7m

Heavy Drop Pallet

Pallet Carrier Truck

Lowbed Semitrailer Abn

*Indicates interim designator.

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VI. GAP-CROSSING EQUIPMENT

A. Amphibious Vehicles

Amphibian	Amphibious vehicle; medium amphibious transporter
PTS	Also known as K-71
K-61	Amphibious transporter
BAV	6 x 6 amphibious truck; formerly ZIL-485
MAV	4 x 4 amphibious truck; formerly GAZ-46
PKP	Amphibious wheeled trailer; towed by PTS

Powerboat

BMK-T
BMK-150
BMK-90/-130

B. Mobile and Portable Bridges

MARM SET	Sectional arch bridge
SARM SET	Sectional deck truss bridge
MARM/SARM SET	
RMM-4	Similar to Bailey bridge
MTU-20	Tank-launched scissors bridge; formerly T-55 MTU
T-54MTU	Tank-launched scissors bridge; East Germany
BLG-60	Tank-launched scissors bridge
BLG-60 on TATRA-813	

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MT-55	Tank-launched scissors bridge; Czechoslovakia
MT-55 on TATRA-813	
MT-34	Tank-launched scissors bridge; Czechoslovakia
TMM	Truck-mounted scissors bridge
KMM	Truck-mounted treadway bridge
SMT	Truck-mounted treadway bridge; Poland
AM-50	Treadway bridge mounted on TATRA-813; Czechoslovakia
C. Floating Bridges & Ferries	
NZhM-56	Floating road and railway bridge
NZhM-56 Ponton Bow Sec	Thirty bow and 60 center equal NZhM-56 battalion
NZhM-56 Center Section	
NZhM-56 Power Unit	
NZhM-56 Decking	
PPS	Heavy girder floating bridge
PPS Bow Section	
PPS Ramp Section	
PPS Center Section	
GSP	Heavy amphibious ferry
Tank Ferry	
Rigid Pointed Ponton	
Rigid Rectangular Ponton	
PMP	Heavy folding ponton bridge

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PMP Set	Sixteen center; two end; and service truck
PMP End Section	Heavy folding ponton bridge
PMP Center Section	Report components only when bridge unit is incomplete
PMP Carrier	
BROVARY-02-SP Pon Ferry*	Four axle, wheeled folding ponton/- ferry seen at Brovary Army Barracks
PMS	PMP with TATRA-813 carrier; Czechoslovakia
TPP	Heavy ponton bridge
TPP End Section	Report components only when bridge unit is incomplete
TPP Carrier	
TMP	Heavy ponton bridge
TMP Center Section	Report components only when bridge unit is incomplete
TMP End Section	
TMP Carrier	
PR-60	Heavy ponton bridge; Romania
SMS	Heavy ponton bridge; Czechoslovakia
PP-64	Heavy folding ponton bridge; Poland
KMS Set	Four-vehicle piledriver set
K-61 Piledriver	K-61 amphibian chassis
Piledriver	

*Indicates interim designator.

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VII. MINE WARFARE EQUIPMENT

GMZ	Formerly armored tracked minelayer
UR-67	Formerly BTR-50PK mineclearer M-1972
Mine Clearing Veh M-1979	BROVARY-01 mine warfare vehicle on 122mm SP howitzer M-1974 chassis; first seen at Brovary Army Barracks
PMR-3	Single-chute mine-dispensing trailer with plow
PMR-2	Twin-chute mine-dispensing trailer
Mine Roller	
Mine Plow	
T-55 Mine Clearer	Rocket projected mine clearer on T-55 tank; Poland

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VIII. DECONTAMINATION EQUIPMENT

TMS-65	Vehicle for rapid decontamination of AFV and large equipment; mounted on a URAL-375
ARS-14	On ZIL-131; snub nose
ARS-12	ZIL-151 or ZIL-157; tapered nose
AGV-3 Decon Set	Three to four vehicles
DDA-53	Decontamination apparatus for clothing and equipment
DDA-66	GAZ-66; same apparatus as DDA-53
DDP	Decontamination apparatus; trailer
IRS	STAR-66 chassis; Poland
BU-4M	GAZ-66 autoclave
Smoke Generator*	GAZ-66 chassis
TZ-74	Similar to TMS-65; Czechoslovakia
WUS	Similar to TMS-65; Poland

*Indicates interim designator.

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IX. PRIME MOVERS, TRACKED

AT-T	Heavy tracked artillery tractor
GT-T	Over snow tracked transporter, medium
MT-LB	
AT-S	Medium tracked artillery tractor
ATS-59	
ATS-59 G	Formerly artillery tractor M-1972
AT-L	Light tracked artillery tractor
AT-P	Armored tracked artillery tractor
GT-S	Light over snow tracked transporter GAZ-47; armored
GT-SM	Cab-over-engine
MT-L	Over snow tractor
CSPEL K-800	Light tracked artillery tractor; Hungary
MAZUR-350	Medium tracked artillery tractor; Poland

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X. EARTH-MOVING EQUIPMENT

PZM	Replacement for BTM
MDK-2	
BTM	
IMR	Formerly armored engineering tractor
BAT-M	M-1972
BAT	
OST	AT-S with dozer blade
OLT	AT-L with dozer blade
ARV	
ARV	
SKP-5	Large crane and turret
T-55-T	Large snorkel and storage platform
JSU-T	Truck-mounted backhoe
E-305V	

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XI. ENGINEERING EQUIPMENT—GENERAL

Crawler Tractor

Grader

Wheeled Tractor

Plow

Scraper

Front Loader

Crane

Crane-Shovel

Earth Auger

Roller

Piledriver

LRV Portable Sawmill

Ditcher

Trencher

Bulldozer

Dozer Blade

Crusher-Screener

Asphalt Paver

Concrete Mixer

Cement Truck

Backhoe

Truck-Mounted Crane

Wheeled Crane

Crawler Crane

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XII. TACTICAL POL EQUIPMENT

A. Fuel and Fuel Service Trucks

TZ-16	KRAZ-214/-255 16,000 liters
TZ-22	KRAZ-214/-255 21,000 liters
TZ-30	MAZ-543 prob 30,000 liters
TZ-255	KRAZ-255 8,000 liters
TZ-200	MAZ-200 8,000 liters
TZ-500	MAZ-500 8,000 liters
TZ-5-375	URAZ-375 5,000 liters
ATZ-131	ZIL-131 3,800—4,300 liters
ATZ-130	ZIL-130 4,000 liters
TZ-150	ZIL-150 4,000—4,200 liters
ATS-500	MAZ-500 8,000 liters
ATS-5-375	URAL-375 5,000 liters
ATS-131	ZIL-131 3,800—4,300 liters
ATS-150/-157	ATS-150/-157 4,000—4,200 liters

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B. Tactical Pipelaying Machine

TUM-150A

TDT-75 tractor

TUM-150B

K-702 tractor

C. POL Support Equipment

Tactical Pipe Section

Horizontal Storage Tank

Collapsible Storage Tank

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XIII. WHEELED VEHICLES—listed by country of manufacture, USSR first,
followed by other countries alphabetically

A. USSR

BELAL-540
GAZ-33
GAZ-51
GAZ-53
GAZ-53A
GAZ-63
GAZ-66
GAZ-66B
KAMAZ-53202
KAMAZ-4310
KAMAZ-5410
KRAZ-214
KRAZ-219
KRAZ-221
KRAZ-222
KRAZ-255B
KRAZ-257
KRAZ-258
MAZ-200
MAZ-500
MAZ-501
MAZ-502
MAZ-503
MAZ-504
MAZ-505
MAZ-516
MAZ-535
MAZ-537
MAZ-543
UAZ-69

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UAZ-69A

UAZ-450

UAZ-451

UAZ-452

UAZ-469

URAL-375

ZIL-130

ZIL-131

ZIL-133

ZIL-135

ZIL-150

ZIL-151

ZIL-157

ZIL-157V

B. Bulgaria

MADARA

C. Czechoslovakia

PRAGA-S5T

PRAGA-V3S

TATRA-111

TATRA-138

TATRA-138

TATRA-148

TATRA-805

TATRA-813

D. East Germany

ES-250

BARKAS B-1000

G5

GMG-2-70

LO-1800A

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P-3

S4000-1

W-50L

W-50LA/A

E. Hungary

CSEPEL K-300

CSEPEL D-344

CSEPEL D-350

CSEPEL D-420

CSEPEL D-450

CSEPEL D-452

CSEPEL D-462

CSEPEL D-566

CSEPEL D-700

CSEPEL D-708

F. Poland

JELCZ-315

JELCZ-316

LUBLIN-51

NYSA Series

STAR-25

STAR-27

STAR-28

STAR-29

STAR-200

STAR-66 & 600 Series

ZUK Series

G. Romania

BUCEGI SR-113

BUCEGI SR-114

BUCEGI SR-116

CARPATI SR-131

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SECRET

CARPATI SR-132

M-461

TV-41 Series

TV-51 Series

H. Trucks, General Functional Categories

Fire Truck

Fuel Truck

Maintenance Van Truck

Van Truck

Cargo Truck

Trucks

Dual-axle trailer

Single-axle trailer

Trailer

Vehicle/Piece of Equip

SECRET

XIV. ELECTRONICS EQUIPMENT

Electronics Van Truck

A. Commo Intercept/DF

Equipment

BAR BRICK

One URAL-375 and one ZIL-157
support van

BIG EAR

CRAB POT

FIX FOUR

FIX SIX

FIX EIGHT

FULL HOUSE

ZIL-157 receiver van with SQUARE
FOUR and TALL RODS

SQUARE FOUR

Part of FULL HOUSE

TALL ROAD

Part of FULL HOUSE

AR-EL-01*

URAL-375 with two support vehicles;
upgraded receiver van to FULL
HOUSE

PIE DISH

POLE DISH

MERCURY NOSEBAND

Two-vehicle set

Radio Intercept/DF Trlr

Single-axle round roof

RING TWO

Single-axle round roof

SPIKE TWO

Single-axle round roof

LOOP THREE

Single-axle round roof

QUAD SPRING

SPIKE SQUARE

R-316 HF/DF

SQUARE NOSE

*Indicates interim designator.

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SECRET

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SECRET

SQUARE PICK	
STICK TREE	
SWING BOX	Has two ZIL-157 support van trucks
TURN SERIES Van	Reconnaissance battalion
TWIN BOX	GAZ-66
VIEW POINT	Four-vehicle set
DO-EL-02*	Suspect ESM
Unid ZIL-157 Van Truck*	Has intercept-associated trailer
Radio Intcpt-Assoc Trlr*	Single-axle, flat-roof, rigged
Electronics Countermeasures (ECM) Equipment	
BOX BRICK	
CHEESE BRICK	GAZ-63; GAZ-66
FOLD PLATE	
FRONT PLATE	
HAT BRICK	
HIGH BRICK	
HOT BRICK	
HOT PLATE	
KING PIN	
LONG BRICK	
MESH BRICK	
MOUND BRICK	
POLE DISH	
SIDE PLATE	
STOVE PIPE	

*Indicates interim designator.

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TUB BRICK

WHIFF BRICK

DO-EL-01* Unid electronics; three-vehicle set

DO-EL-05* Suspect jammer; dome on truck

C. Communications Equipment

Commo Van Truck

R-100 Series & Commo Vans

R-102M ZIL-157; two-vehicle set

R-103 ZIL-157

R -103M GAZ-66

R-110 Set Long-range communications set;
four-vehicle set

R-118 ZIL-157

R-118BM3 GAZ-66

R-122 PRONG REST ZIL-157

R-125 UAZ-69/-469

R-125M GAZ-66

R-136 Set Four- to five-vehicle set ZIL-131

R-140 ZIL-157; generator trailer

R-140D ZIL-157; larger generator trailer

R-142 GAZ-66

R-400 Series Radio-Relay Vans

R-400/-404 Set Three- to four-vehicle set ZIL-157
or ZIL-131

R-400/-404 Antenna Van

R-400/-404 Generator Van

*Indicates interim designator.

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R-400/-404 Trnsmtr Van	
R-400/-404 Mast Truck	
R-401 MERCURY GRASS	GAZ-63
R-401M MERCURY GRASS	GAZ-66
R-405 COIN GRASS	GAZ-66
R-401/-405	GAZ-66 when model cannot be determined
R-406 MERCURY PLATE Set	Three-vehicle set ZIL-157 plus antenna trailer
R-406 Antenna Trlr	
R-408 TWIN DISH	Eight-vehicle set troposcatter
R-408 Antenna Trlr	
R-409 CATS PAW	ZIL-157/-131
R-410 TWIN PLATE Set	Two antennas per set; eight-vehicle set
R-410 Antenna Trlr	
R-410 Mast Truck	
R-410M TWIN PLATE Set	Modified
R-410M Antenna Trlr	
R-410M Mast Truck	
TWIN EAR Truck*	
TWIN EAR Set*	Two-vehicle set; may be R-412 or R-133
R-412 Set*	Three-vehicle set including TWIN EAR
R-412 Mast Truck*	van, a mast truck, and generator truck; formerly TA-EL-01
R-450M2	ZIL-131; suspect CATS EYE
TWIN PAN SET	Two antennas per set, five-vehicle set
TWIN PAN Antenna Trlr	

*Indicates interim designator.

SECRET

PARK DRIVE Set	Mobile comsat; three vehicles and an antenna trailer
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PARK DRIVE Antenna Trlr

R-800 Series Ground-to-Air Radio Vans

R-811/-812	ZIL-157
R-814	ZIL-157
R-820	ZIL-157
R-824	ZIL-157
R-829 MERCURY TREE	UAZ-69
R-834	ZIL-157/-131

Other Communications-Associated Vehicles

P-299M Commo Center	GAZ-63/-66
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VO-EL-01*

Command Vehicles

BMP M-1978 Command	HAWK EYE
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BTR-50PU

BTR-60PA Command

BTR-60PB Command

ACRV M-1974 Mod*

BTR-60PB Fac

BTR-152U

BRDM-2 Command

D. Ground Forces-Associated Radars

Air Defense Radars

STRAIGHT FLUSH	SA-6
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*Indicates interim designator.

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SECRET

PAT HAND	SA-4
FLAP WHEEL	AAA
FIRE WHEEL	AAA
FIRE CAN	AAA
WHIFF	AAA
LONG TRACK	
THIN SKIN A	Van mounted
THIN SKIN B	Truck mounted; two-vehicle set
FLAT FACE A	Two-vehicle set
FLAT FACE B	Formerly modified FLAT FACE
SPOON REST A	Two-vehicle set
SPOON REST B	
SPOON REST C	Four-vehicle set (two trucks and two trailers)
SPOON REST D	Four-vehicle set (two trucks and two trailers)
KNIFE REST A	
KNIFE REST B	
BILL FOLD	Poland
FARM GATE	Poland
GATE POLE	Poland
JAW GATE	Poland
NYSA B	Poland

Air Warning Radar-Associated Equipment

VP-2 Filter Control Van

A/V-1 Computer/Elec Van	Ground control intercept associated
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SECRET

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SECRET

Battlefield Radars

BIG FRED	MT-LB chassis
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SMALL FRED	BMP chassis
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BMP M-1976-2	TALL MIKE
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LONG TROUGH

PORK TROUGH

TRACK DISH

SMALL YAWN

END TRAY	SCUD associated
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BREAD BIN	FROG associated
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E. Miscellaneous Unidentified Vehicles

KH-1	8.2-meter van trailer; suspect computer/- electric van; seen with signal units
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Unid Van Trlr A*	8.2 meters; 3-pair roof vents
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Unid Van Trlr B*	8.2 meters; 2-pair roof vents
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*Indicates interim designator.

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SECRET

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